



# THE PLANETARY SOCIETY

***The International Lunar Decade***

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# International Lunar Decade

- The “International Lunar Decade” has begun
- 2007 ~ 2019
  - 2007: Kaguya & Chang'E
  - 2019: Humans on the moon?
- Many missions from many countries (and companies) during the ILD



# Int'l Lunar Decade: Precedents

- International Geophysical Year: 1957-58
  - The space age
- International Polar Years: 1882-83; 1932-33; 2007-08
- International Space Year: 1992-94
  - Mission to Planet Earth
  - US-Russian cooperation
- International Halley Watch
  - Astronomy observations
  - Mission navigation coordination
  - Space agencies cooperation
- IHY and IYA



# ILD

- ILD would provide frameworks for:
  - International cooperation:
    - mission cooperation
    - development of a global vision for space exploration
  - Support to scientists in developing countries for lunar research and space participation
  - Public education and outreach bridging interest in science and exploration, including in human return to the Moon
- Endorsed by ILEWG, COSPAR



# Planetary Outposts

Planetary Outposts: systematically building up sustained robotic, then human assets at selected sites on a given planetary body.



This strategy would serve to focus and organize both lunar and Martian exploration in the coming decades.



# International Lunar Way Station

- **The first step towards Planetary Outposts is an International Lunar Way Station**
- **Robotic leading to human**
- **Test bed for planetary outposts**
- **Can also center outreach: a place we all become familiar with**
- **International coordination; could be under ILDF framework**



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# ILD Conclusions

- International Lunar Decade is an opportunity
  - to enhance science participation and coordination
  - to enhance mission cooperation and benefits
  - to provide great public interest and support